

SLE 77CFX1840P

SOLID FLASH™ 16-Bit Security Controller
Optimized for midrange payment applications
in 90 nm CMOS Technology

184 kBytes SOLID FLASH™
6 kBytes RAM

Short Product Overview

Oct. 2012



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Product name	SLE 77CFX1840P ¹  SOLID FLASH™
Product description	Security controller
Interfaces	ISO 7816
Memory	184 kBytes SOLID FLASH™ + 6 kBytes RAM
CPU	16-bit
Symmetrical cryptography	DES, 3DES, AES up to 256-bit
Asymmetrical cryptography	RSA up to 4096-bit, ECC up to 521-bit
Ambient temperature	-25 to + 85 °C
Delivery forms	Contact-based module
Typical applications	EMV DDA, EMV CDA, Global Platform / Java, Loyalty, ePurse
Certification level	CC EAL5+ high, EMVCo

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